

AMENDMENTS TO THE SPECIFICATION

Please replace the first complete paragraph on page 11 of the specification (lines 4-15) with the following replacement paragraph:

The components of the hardware capable of achieving this encrypted communication, in one embodiment of the invention are illustrated in Figure 1. The apparatus comprises communication device (e.g. telephone) A [[400]] 100, which contains an analog communication interface 101 coupled to a digital to analog converter (DAC) 102/analog to digital converter (ADC) 103. These elements enable the communication device to convert the analog voice signal to a digital signal and vice versa. For example, analog data obtained from the network via an analog communication interface is provided to the ADC so that the analog data (e.g., voice data) can be converted into digital data. The encryption/decryption operations may then be performed on the digital data. The communication device also contains an ASIC processor 104 comprising a secure portion 105 having at least one key from an asymmetric key pair and RAM [[410]] 106.